

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION 11805 SW 26 Street, Room 208 T (786) 315-2590 F (786) 315-2599 www.miamidade.gov/economy

Eco Window Systems, LLC 9114 NW 106 Street Medley, FL 33178

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "Eco-Guard 550" Aluminum Fixed Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. W11–10, titled "S–550 Aluminum Fixed Window (L.M.I.)", sheets 1 through 6 of 6, dated 02/28/11, with revision B dated 01/11/13, prepared by Al–Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami–Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami–Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA# 12-0223.28 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.

(MIAMI-DADE COUNTY)
APPROVED

4/25/13

NOA No. 13-0206.08 Expiration Date: May 05, 2016 Approval Date: May 02, 2013

Page 1

Eco Window Systems, LLC.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

- 1. Manufacturer's die drawings and sections.
- 2. Drawing No W11–10, titled "S–550 Aluminum Fixed Window (L.M.I.)", sheets 1 through 6 of 6, dated 02/28/11, with revision B dated 01/11/13, prepared by Al–Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202–94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202–94

along with marked—up drawings and installation diagram of an aluminum fixed window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI–10–3145**, dated 12/29/10, signed and sealed by Candido F. Font, P.E. (Submitted under NOA#11-0309.07)

- 2. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201–94
 - 2) Cyclic Wind Pressure Loading per FBC, TAS 203–94 along with marked-up drawings and installation diagram of an aluminum fixed window, prepared by Hurricane Engineering and Testing, Inc., Test Reports No. **HETI-10-3146**, **HETI-10-3147** and **HETI-10-3149** dated 12/29/10, all signed and sealed by Candido F. Font, P.E.

(Submitted under NOA#11-0309.07)

3. Test report on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202–94 along with marked-up drawings and installation diagram of an aluminum fixed window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. HETI–10–3148, dated 12/29/10, signed and sealed by Candido F. Font, P.E. (Submitted under NOA#11-0309.07)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC–2007, prepared by Al–Farooq Corporation, dated 03/01/11, signed and sealed by Javad Ahmad, P.E.

(Submitted under NOA#11-0309.07)

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

Manuel Perez, P.E. Product Control Examiner NOA No. 13-0206.08

Expiration Date: May 05, 2016 Approval Date: May 02, 2013

Eco Window Systems, LLC.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 11–0624.01 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont Butacite® PVB Interlayer" dated 09/08/11, expiring on 12/11/16.

F. STATEMENTS

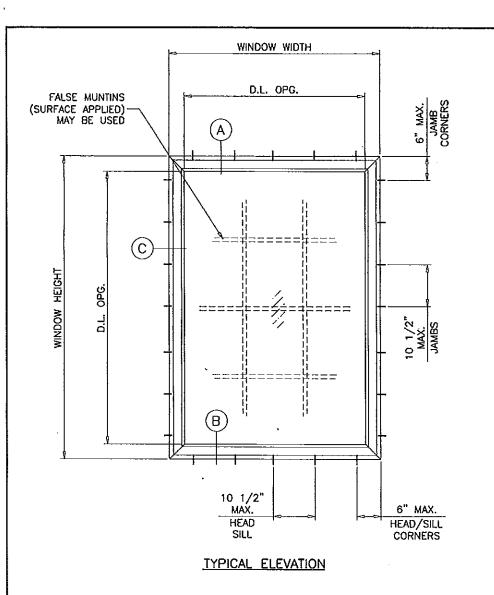
- 1. Statement letter of conformance, complying with FBC-2010, and of no financial interest, dated January 30, 2012, signed and sealed by Javad Ahmad, P.E. (Submitted under previous NOA#12-0223.28)
- 2. Laboratory compliance letter for Test Reports No. HETI-10-3145, HETI-10-3146, HETI-10-3147, HETI-10-3148 and HETI-10-3149, issued by Hurricane Engineering and Testing, Inc., dated 12/29/10, signed and sealed by Candido F. Font, P.E.

(Submitted under NOA#11-0309.07)

G. OTHER

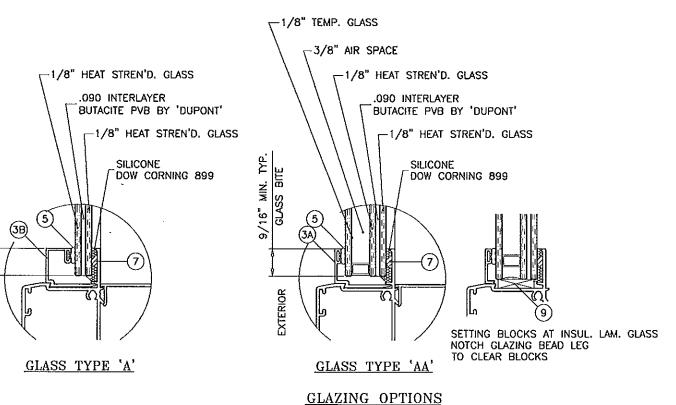
1. Notice of Acceptance No. 12-0223.28, issued to Eco Window Systems, LLC for their Series "550 ECO-Guard" Aluminum Fixed Window – L.M.I.", approved on 05/03/12 and expiring on 05/05/16.

Manuel Perez, P.B.
Product Control Examiner
NOA No. 13-0206.08
Expiration Date: May 05, 2016
Approval Date: May 02, 2013



MIN. -

9/16" GLAS



THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

ECO-GUARD SERIES-550 ALUMINUM FIXED WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEETS 2.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF FIX./FIX. OR FIXED WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

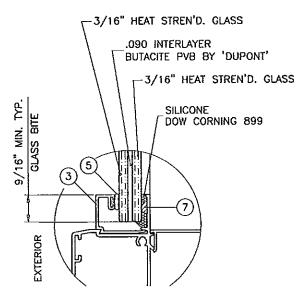
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.



GLASS TYPE 'B'

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 13-0206-0
Expiration Date 1134 5

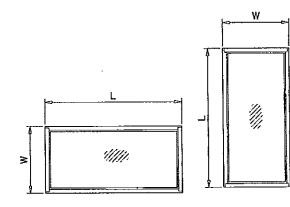
By Mani Dade Product Control

1 5 2013

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978 S-550 ALUMINUM FIXED WINDOW (
ECO WINDOW SYSTEMS, 1
9114 N.W. 106 STREET
MEDLEY, FL. 33178
TEL. (305) 885-5299 FAX (305) 885-1/2"=1 HAMID ģ. g. drawing no. W11-10sheet 1 of 6

		DESIG	GN LOAD C	APACITY -	PSF		
MINDO	V DIMS.	GLASS TYPE 'A'		GLASS TYPE 'AA'		GLASS TYPE 'B'	
WIDTH (W)	LENGTH (L)	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)
30"		70.0	75.0	70.0	75.0	70.0	75.0
36"	48"	70.0	75.0	70.0	75.0	70.0	75.0
42"		61.7	66.1	70.0	75.0	70.0	75.0
48"		54.0	57.8	70.0	75.0	70.0	75.0
54"		54.0	57.8	70.0	75.0	70.0	75.0
60"		1	-	70.0	75.0	70.0	75.0
66"	1	_	_	70.0	75.0	70.0	75.0
30"		70.0	75.0	70.0	75.0	70.0	75.0
36"		70.0	75.0	70.0	75.0	70.0	75.0
. 42"		61.7	66.1	70.0	75.0	70.0	75.0
48°	54"	54.0	57.8	70.0	75.0	70.0	75.0
54"		-	-	68.9	73.8	68.9	73.8
60"		_	-	68.9	73.8	68.9	73.8
66"		_	-	68.9	73.8	68.9	73.8
30"	1	70.0	75.0	70.0	75.0	70.0	75.0
36"		70.0	75.0	70.0	75.0	70.0	75.0
42"		61.7	66.1	70.0	75.0	70.0	75.0
48"	60"	-	_	70.0	75.0	70.0	75.0
54"		-	_	68.9	73.8	68.9	73.8
60 "		-	_	62.0	66.4	62.0	66.4
66"		-	_	62.0	66.4	62.0	66.4
30"		70.0	75.0	70.0	75.0	70.0	75.0
36"		70.0	75.0	70.0	75.0	70.0	75.0
42"		61.7	66.1	70.0	75.0	70,0	75.0
48"	66"		-	70.0	75.0	70.0	75.0
54*		_	-	68.9	73.8	68.9	73.8
60"		-	-	62.0	66.4	62.0	66.4
30"		70.0	75.0	70.0	75.0	70.0	75.0
36"		70.0	75.0	70.0	75.0	70.0	75.0
42*	72"	-	-	70.0	75.0	70.0	75,0
48"		-	_	70.0	75.0	70.0	75.0
54"		-	-	68.9	73.8	68.9	73.8
30"		70.0	75.0	70.0	75.0	70.0	75.0
36"	70×	70.0	75.0	70.0	75.0	70.0	75.0
42"	78*		-	70,0	75.0	70.0	75.0
48"		-	-	70.0	75.0	70.0	75.0
30"		70.0	75,0	70.0	75.0	70.0	75.0
36"	84"	-	-	70.0	75.0	70.0	75.0
42"		_	-	70.0	75.0	70.0	75.0
48"		_		70.0	75.0	70.0	75.0
30"		70.0	75.0	70.0	75.0	70.0	75.0
36"	90"	-	_	70.0	75.0	70.0	75.0
42*		_	_	70.0	75.0	70.0	75.0
30"		-		70.0	75.0	70.0	75.0
36"	96"	-		70.0	75.0	70.0	75.0
42"		<u> </u>	_	70.0	75.0	70.0	75.0
			L		1		

		DESIG	GN LOAD CA	APACITY -	PSF		
WINDO	y dims.	GLASS TYPE 'A'		GLASS TYPE 'AA'		GLASS TYPE 'B'	
WIDTH (W)	LENGTH (L)	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)
26-1/2"		70.0	75.0	70.0	75.0	70.0	75.0
32"		70.0	75.0	70.0	75.0	70.0	75.0
37 *	50-5/8"	70.0	75.0	70.0	75.0	70.0	75.0
42"		61.7	66.1	70.0	75.0	70.0	75.0
48"		54.0	57.8	70.0	75.0	70.0	75.0
53-1/8"		51.2	54.8	70.0	75.0	70.0	75.0
56"		_		70.0	75.0	70.0	75.0
60"				70.0	75.0	70.0	75.0
63*		_	-	70.0	75.0	70.0	75.0
26-1/2"		70.0	75.0	70.0	75.0	70.0	75.0
32"		70.0	75.0	70.0	75.0	70.0	75.0
37"		70.0	75.0	70.0	75.0	70.0	75.0
42"		61.7	66.1	70.0	75.0	70.0	75.0
48"	63"	-	-	70.0	75.0	70.0	75.0
53-1/8"			-	70.0	75.0	70.0	75.0
56"		_	_	66.4	71.1	66.4	71.1
60"	1	-	_	62.0	66.4	62.0	66.4
63"		-	-	59.0	63.2	59.0	63.2
26-1/2"	70#	70.0	75.0	70.0	75.0	70.0	75.0
32"		70.0	75.0	70.0	75.0	70.0	75.0
37"		70.0	75.0	70.0	75.0	70.0	75.0
42"	76"	-		70.0	75.0	70.0	75.0
48"			-	70.0	75.0	70.0	75.0
53-1/8"				70.0	75.0	70.0	75.0
26-1/2"		70.0	75.0	70.0	75.0	70.0	75.0
32"		70.0	75.0	70.0	75.0	70.0	75.0
37"	80"	_	<u> </u>	70.0	75.0	70.0	75.0
42"		-		70.0	75.0	70.0	75.0
48"		-		70.0	75.0	70.0	75.0
26-1/2"		70.0	75.0	70.0	75.0	70.0	75.0
32"		70.0	75.0	70.0	75.0	70.0	75.0
37"	84*			70.0	75.0	70.0	75.0
42"				70.0	75.0	70.0	75.0
48"			-	70.0	75.0	70.0	75.0
26-1/2"		70.0	75.0	70.0	75.0	70.0	75.0
32"	90"			70.0	75.0	70.0	75.0
37*	30			70.0	75.0	70.0	75.0
42"	1			70.0	75.0	70.0	75.0
26-1/2"		70.0	75.0	70.0	75.0	70.0	75.0
32"	96"			70.0	75.0	70.0	75.0
37"				70.0	75.0	70.0	75.0
42"		-	_	70.0	75.0	70.0	75.0



NOTE: WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.

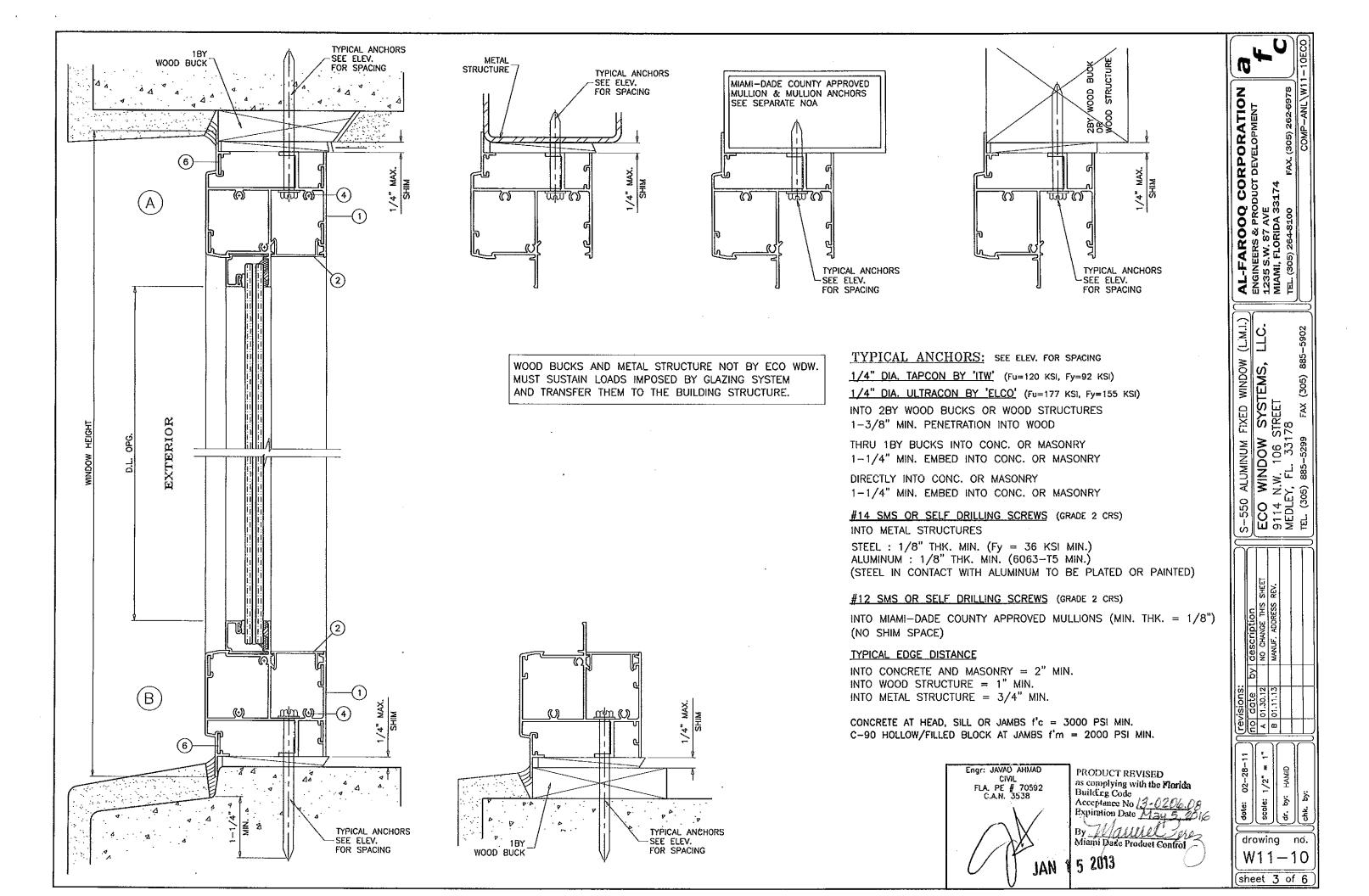
Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
PRODUCT REVI.
as complying with
Building Code
Acceptance No
Expiration Date

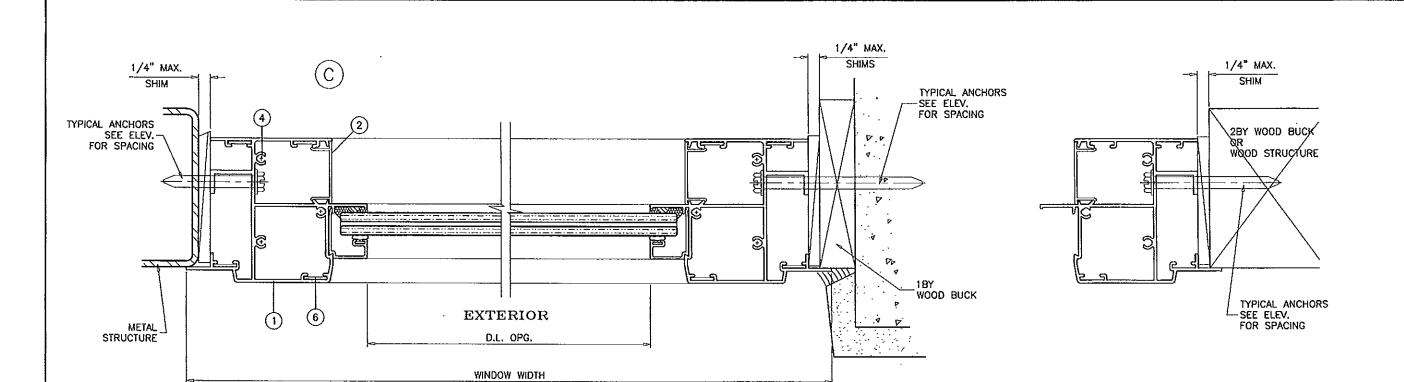
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 13-0206. Of
Expiration Date May 5, 2016
By Miami Dade Product Control

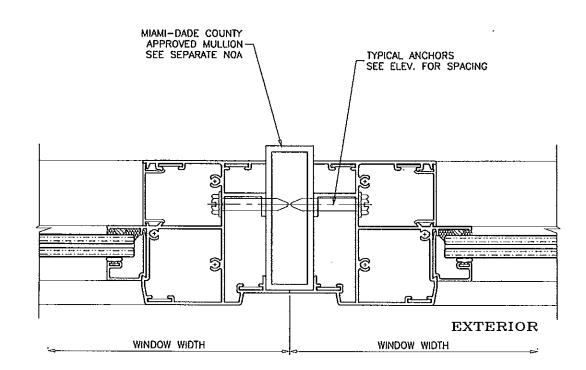
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978 | S-550 ALUMINUM FIXED WINDOW (L.M.I.) | ECO WINDOW SYSTEMS, LLC. | 9114 N.W. 106 STREET | MEDLEY, FL. 33178 | TEL. (305) 885-5299 FAX (305) 885-5902 scale: 1, dr. by: drawing no. W11-10sheet 2 of 6

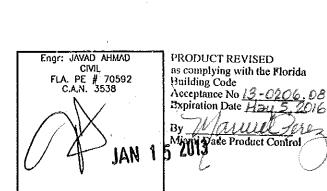
NOTE: GLASS CAPACITIES ON THIS SHEET ARE

BASED ON ASTM E1300-04 (3 SEC. GUSTS).





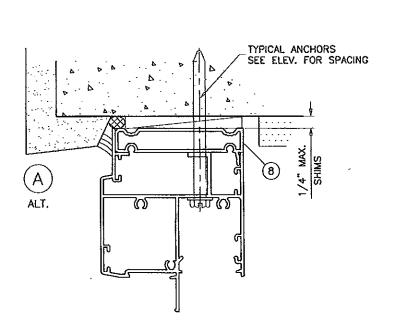


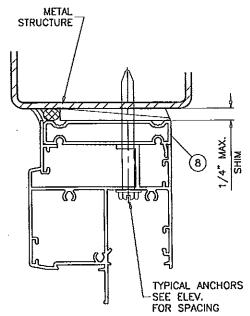


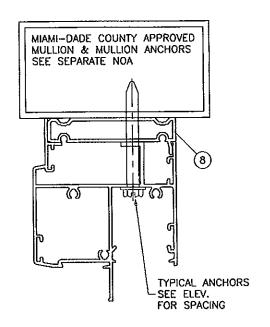
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX. (305) 262-6978 885-5902 ECO WINDOW SYSTEMS, L 9114 N.W. 106 STREET MEDLEY, FL. 33178 TEL. (305) 885-5299 FAX (305) 885-5 HAMID 1/2"

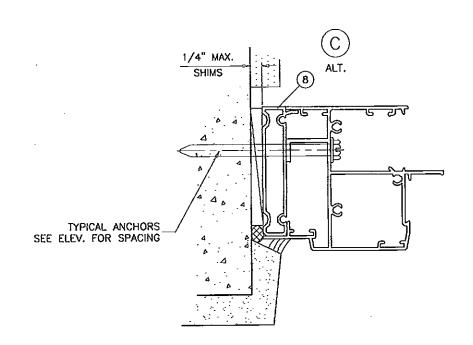
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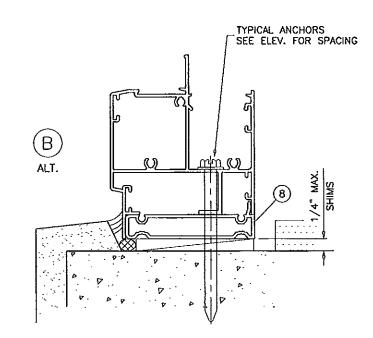
drawing no. W11-10



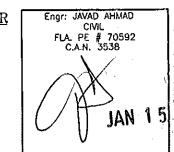








INSTALLATION DETAILS WITH FLUSH FRAME ADAPTER



PRODUCT REVISED as complying with the Florida Building Code Acceptance No 13.0206.08 Expiration Date Hay 5.2016

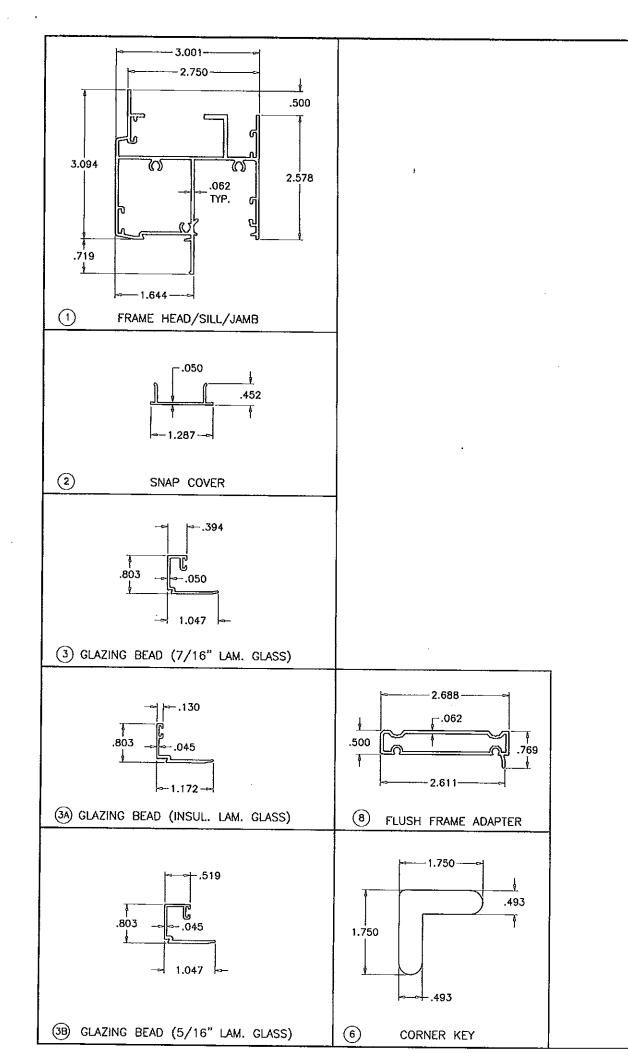
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drowing no. W11—10

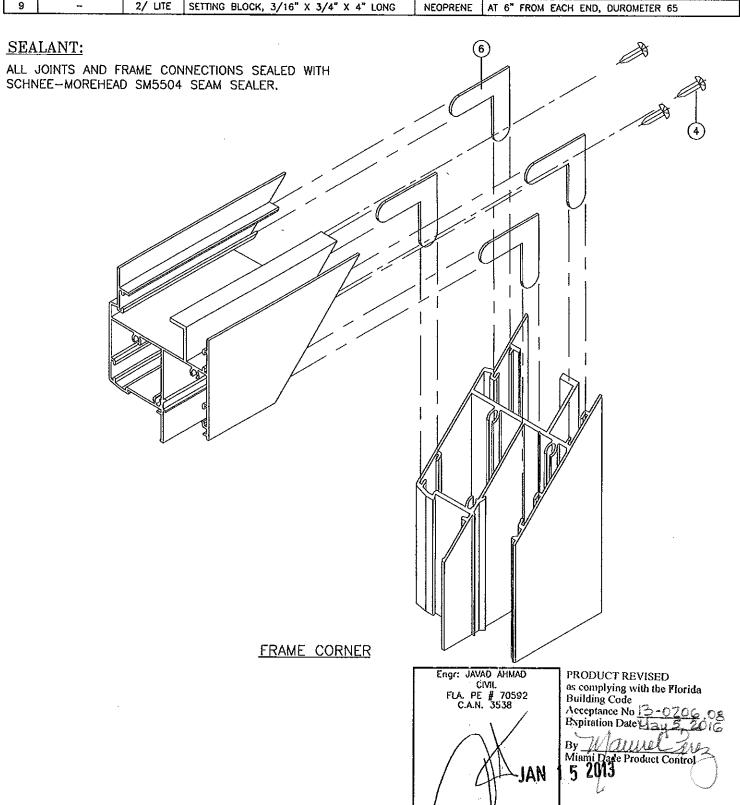
sheet 5 of 6

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX. (305) 262-6978

S-550 ALUMINUM FIXED WINDOW (I ECO WINDOW SYSTEMS, L 9114 N.W. 106 STREET MEDLEY, FL. 33178
TEL. (305) 885-5299 FAX (305) 885-3



ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	E503	4	FRAME HEAD/SILL/JAMB	6063-T6	
2	E504	4	SNAP COVER	6063-T6	_
3	FY109	AS REQD.	GLAZING BEAD (7/16" LAM. GLASS)	6063-T6	_
ЗА	E505	AS REQD.	GLAZING BEAD (INSUL. LAM. GLASS)	6063-T6	**
38	FY108	AS REQD.	GLAZING BEAD (5/16" LAM. GLASS)	6063-T6	_
4	#10 X 1-1/4"	3/ CORNER	ASSEMBLY SCREWS	-	-
5	E203	AS REQD.	GLAZING BEAD BULB, DUROMETER 65	SANTOPRENE	ULTRAFAB
6	PSJ40-SS	2/ CORNER	FRAME CORNER KEY	ST. STEEL	-
7	FL8-50	-	GLASS SPACER - 1/8" HIGH	SILICONE	FRANK LOWE
8	FY120	AS REQD.	FLUSH FRAME ADAPTER	6063-T6	OPTIONAL
9	-	2/ LITE	SETTING BLOCK, 3/16" X 3/4" X 4" LONG	NEOPRENE	AT 6" FROM EACH END, DUROMETER 65



(305)

drawing no. W11 - 10

sheet 6 of 6